

Hanover

Engineering Associates Inc



December 17, 2015

Mr. Jack Cahalan, Manager
Lower Saucon Township
3700 Old Philadelphia Pike
Bethlehem, PA 18015

RE: Inspection Conducted on December 17, 2015
IESI Bethlehem Landfill
Hanover Project LS90-7

Dear Mr. Cahalan:

The purpose of this letter is to report the results of the above-referenced "pre-meeting" inspection, which was conducted by me along with Mr. Allen Schleyer, District Manager for IESI, Ms. Priscilla deLeon, Township Council Liaison, Ms. Donna Louder, Citizen Representative, and Mr. Gene Boyer, Citizen Representative. The following items were noted during the inspection:

1. The Bethlehem Renewable Energy (BRE) plant was not running.
2. The landfill flare was running at a flow rate of 3,113 Standard Cubic Feet per Minute (SCFM) and a temperature of 1,649 degrees Fahrenheit. The largest blower was observed to be in operation today. Mr. Schleyer stated that the flare has been able to keep up with the increased gas flow since the BRE plant has been down. He reaffirmed that he has been "exercising" the two (2) smaller blowers to make sure they are in working order. He attributed the gradual drop-off in gas flow to the flare to the onset of colder weather.
3. The truck wash was not yet in use, but Mr. Schleyer stated that he would get it turned on since it had started to rain.
4. No mud, odor, or blowing litter was observed along Applebutter Road up to Ringhoffer Road, the entrance driveway, or at the landfill office parking lot.
5. A moderate, intermittent landfill gas odor was observed between the end of the MSE wall and the water tower during the inspection.
6. Neither the northern and southern mister lines were observed to be running during the inspection. Mr. Schleyer previously stated that they were being winterized.
7. Wind during the inspection was calm.
8. Garbage was being disposed of in Cell 4B, at the top front of the landfill.
9. Cover soil is still being imported. No Alternative Daily Cover material is being used.
10. Work to construct new Cell 4E Stage 3 was previously completed. The construction certification documents are being reviewed by the Department of Environmental Protection (DEP).
11. The western face remains dressed, with no erosion rills.
12. The face of the MSE wall has some litter stuck in the vegetation. Mr. Schleyer stated that pickers are scheduled to work and will remove this.
13. The northern perimeter silt fence is breached in one (1) location. Mr. Schleyer stated that he will have this repaired.

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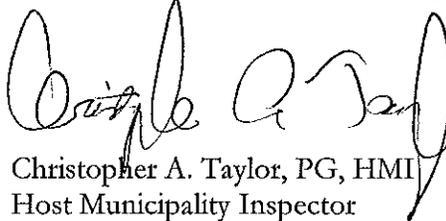
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- Police
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- Solicitor
- Planner
- Landfill
- EMC
- Other Web

14. The west high wall was observed. It appears that an area of rocks sloughed off of the lower face of the wall, near the north end, but the top rim of the wall was not affected. This was not a major slope failure and does not affect the Lower Saucon Authority water lines that run behind the top rim of the wall.
15. The final capping project in the area of Cell 4F is progressing. Soil has been installed on top of most of the synthetic cap. The completion of this work is awaiting suitable weather and site conditions.
16. The temporary capping project on the south face is progressing. The installation of the synthetic cap material over the soil subbase has been completed over most of the area. The adjacent permanent cap to the east has been exposed to allow connection of the caps. The gas collection lines have been placed under the synthetic cap. The completion of this work is awaiting suitable weather and site conditions.
17. The work to clean the sediment out of Basin 6 is suspended, pending suitable weather and site conditions.
18. Following the inspection, I conducted a driving patrol along Skyline Drive, beginning at 11:25AM. No landfill-related odors were observed during this inspection.
19. I conducted a driving patrol through Steel City starting at 11:35AM. No landfill-related odors or sounds were observed. This patrol did not extend through the Narrows, where Riverside Drive is still closed for road repairs.

If you have any comments or questions regarding any of the above, or find that you need additional information, please do not hesitate to call me immediately.

Respectfully,

HANOVER ENGINEERING ASSOCIATES, INC.



Christopher A. Taylor, PG, HMI
Host Municipality Inspector

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